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Wheat and Triticale Variety Tests

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Abstract
Winter wheat and triticale variety test. Thirtythree varieties were included in the 2008 winter wheat and triticale variety test at Sutherland. Each variety was sown in three different plots to average the effects of soil variability. The varieties were planted September 28, 2007 at a rate of 1½ bushels/acre. The plots were harvested on July 22, 2008.

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Results and Discussion

Average winter wheat grain yield at Sutherland in 2008 was 104 bushels/acre. No long-term data are available because this is the first year the test was grown at Sutherland. For 2008, Goodstreak was the highest yielding variety among the hard red winter wheat class, Alice in the hard white winter wheat class, Truman in the soft red winter wheat class, and SD05W148 in the soft white winter wheat class. Goodstreak had the highest test weight in 2008 in the hard red winter wheat class, Alice in the hard white winter wheat class, INW0412 in the soft red winter wheat class, and SD05W148 in the soft white winter wheat class.

The average winter triticale grain yield at Sutherland in 2008 was 78 bushels/acre. NE426GT was the highest yielding winter triticale and XA956 had the highest test weight.

Test results for each variety and class in Sutherland's winter wheat and triticale variety test in 2008 may be found at www.croptesting.iastate.edu/smallgrains/data/winterwheat08.xls.

Additional information on small grain variety tests in the state can be found in the publication, "Iowa Crop Performance Tests—Winter Wheat, 2008," which is available from county extension offices (AG-6) and at www.croptesting.iastate.edu/.

Spring wheat and triticale variety test. Fourteen spring wheat and 12 spring triticale varieties were included in the 2008 spring wheat and triticale variety test at Sutherland. Each variety was sown in three different plots to average out the effects of soil variability. The varieties were planted April 7, 2008 at a rate of 1½ bushels/acre. The plots were harvested on July 29, 2008.

Results and Discussion

This is the first year growing these tests. Average spring wheat grain yield at Sutherland in 2008 was 62 bushels/acre. Traverse was the highest yielding spring wheat variety and Glenn had the highest test weight. Average spring triticale grain yield at Sutherland in 2008 was 63 bushels/acre. Trical 37812 was both the highest yielding spring triticale variety and had the highest test weight.